

REMARKS

This responds to the Office Action dated August 7, 2007. Claims 1-34 are pending in this application.

Interview Summary

Applicant thanks Examiners Robert E Fennema and Eddie Chan for the courtesy of a telephone interview on September 4, 2007 with Applicant's representatives Thomas F. Brennan and Paul J. Urbanski.

The declarations under 37 C.F.R. § 1.131 filed on behalf of inventor James Kohn on Nov. 28, 2006 and July 12, 2007 were discussed. It was agreed that Applicant would submit a declaration under 37 C.F.R. § 1.132 clarifying that any disclosure in the Cray reference manual cited by the Examiner of the subject matter claimed in the patent application was derived from his work. That declaration is enclosed herewith. Examiner Fennema indicated that a proper declaration filed under 37 C.F.R. § 1.132 would be, conditional upon his review, sufficient to remove the Cray reference from prior art.

In view of the declaration, Applicant believes that all pending claims are in allowable form, for the reasons discussed below. Accordingly, Applicant respectfully requests allowance of all pending claims.

§103 Rejection of the Claims

Claims 1-4, 7, 9-15, 18-29, 21-24 and 27-34 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Beard et al. (US 5,640,524) in view of Applicant's admitted prior art (Kohn), further in view of the Cray Assembly Language Systems Reference Manual (Cray).

A declaration by inventor James Kohn under 37 C.F.R. § 1.132 is enclosed herewith. The declaration establishes that any disclosure of claimed subject matter in the Cray reference was not invented by another, and therefore the Cray reference is not a proper 102(a) reference. Applicant respectfully submits that the declaration is sufficient to remove the Cray reference

from prior art and respectfully requests withdrawal of the rejection under 35 U.S.C. § 103(a) and allowance of claims 1-4, 7, 9-15, 18-29, 21-24 and 27-34.

Allowable Subject Matter

Claim 8 has been allowed.

Claims 5-6, 16-17, 20, and 25-26 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 5-6 ultimately depend on base claim 1, claims 16-17 and 20 ultimately depend on base claim 11, and claims 25-26 ultimately depend on base claim 21. Applicant acknowledges the allowable subject matter but believes the base claims are allowable in their present form at least for the reasons set forth above.

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at 612-371-2172 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. Box 2938
Minneapolis, MN 55402
612-371-2172

Date Nov. 7, 2007

By Paul J. Urbanski
Paul J. Urbanski
Reg. No. 58,351

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 7th day of November, 2007.

CANDIS BUENDING

Name

Candis Bending
Signature



S/N 10/732,929

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	James R. Kohn	Examiner:	Robert E. Fennema
Serial No.:	10/643,574	Group Art Unit:	2183
Filed:	August 18, 2003	Docket:	1376.730US1
Title:	INDIRECTLY ADDRESSED VECTOR LOAD-OPERATE-STORE METHOD AND APPARATUS		

DECLARATION UNDER 37 C.F.R. § 1.132

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

This declaration is submitted under 37 C.F.R. § 1.132 in response to the rejection of U.S. Patent Application Serial Number 10/643,574 (the "Application"), assigned to Cray Inc., to establish the inapplicability of using the reference "Cray Assembly Language (CAL) for Cray X1™ Systems Reference Manual," published June, 2003 (the Cray Manual), to reject the claims of the instant application under 35 USC § 103(a). U.S. Patent Application Serial No. 10/643,574 was filed August 18, 2003.

I, James R. Kohn, do hereby declare:

1. I am currently an employee of Cray Inc. (Cray Inc. is the assignee of the Application and publisher of the Cray Manual) and have been an employee since at least as early as December 9, 2002.
2. I am the inventor of the claims of the Application.
3. The source of any disclosure in the Cray Manual of the subject matter claimed in the Application was derived from my work.
4. The subject matter claimed in the Application was invented in the United States.
5. I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false

DECLARATION UNDER 37 C.F.R. § 1.131

Serial Number: 10/643,574

Filing Date: August 18, 2003


Title: INDIRECTLY ADDRESSED VECTOR LOAD-OPERATE-STORE METHOD AND APPARATUS

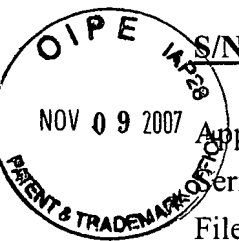
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Dkt: 1376.730US1

statements may jeopardize the validity of this application or any patent issuing thereon.

Date:

October 23, 2007
James R. Kohn



S/N 10/643,574

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James R. Kohn Examiner: Robert E. Fennema
Serial No.: 10/643,574 Group Art Unit: 2183
Filed: August 18, 2003 Docket: 1376.730US1
Title: INDIRECTLY ADDRESSED VECTOR LOAD-OPERATE-STORE METHOD
AND APPARATUS

COMMUNICATION CONCERNING RELATED APPLICATION(S)

MS Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date/Issue Date</u>	<u>Attorney Docket</u>	<u>Title</u>
10/643,742	August 18, 2003	1376.697US1	DECOUPLED STORE ADDRESS AND DATA IN A MULTIPROCESSOR SYSTEM
10/643,586	August 18, 2003	1376.699US1	DECOUPLED SCALAR/VECTOR COMPUTER ARCHITECTURE SYSTEM AND METHOD (As Amended)
10/643,585	August 18, 2003	1376.700US1	LATENCY TOLERANT DISTRIBUTED SHARED MEMORY MULTIPROCESSOR COMPUTER
10/235,898 6,922,766	September 4, 2002	1376.710US1	REMOTE TRANSLATION MECHANISM FOR A MULTI-NODE SYSTEM
10/643,754	August 18, 2003	1376.724US1	RELAXED MEMORY CONSISTENCY MODEL
10/643,738	August 18, 2003	1376.726US1	SYSTEM AND METHOD FOR PERFORMING TRANSLATION LOOKASIDE BUFFER OPERATIONS
10/643,758	August 18, 2003	1376.729US1	REMOTE TRANSLATION MECHANISM FOR A MULTINODE SYSTEM
10/643,727	August 18, 2003	1376.731US1	METHOD AND APPARATUS FOR INDIRECTLY ADDRESSED VECTOR LOAD-ADD-STORE ACROSS MULTI-PROCESSORS

COMMUNICATION CONCERNING RELATED APPLICATIONS

Serial Number: 10/643,574

Filing Date: August 18, 2003

Title: INDIRECTLY ADDRESSED VECTOR LOAD-OPERATE-STORE METHOD AND APPARATUS

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10/643,741	August 18, 2003	1376.733US1	MULTISTREAM PROCESSING MEMORY-AND BARRIER- SYNCHRONIZATION METHOD AND APPARATUS
11/771,931	June 29, 2007	1376.731US2	METHOD AND APPARATUS FOR INDIRECTLY ADDRESSED VECTOR LOAD-ADD-STORE ACROSS MULTI- PROCESSORS

Continuations and divisionals may be later filed on the cases listed above, or cited to the Examiner in any previous Communication Concerning Related Applications. Applicants request that the Examiner review all continuations and divisionals of the above-listed or previously-cited patent applications before allowing the claims of the present patent application.

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. Box 2938
Minneapolis, MN 55402
612-371-2172

Date Nov. 7, 2007 By Paul J. Urbanski
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